



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/815,496	03/22/2001	Robert Bradshaw	INTR-00403	5656
7590	04/06/2006		EXAMINER	
GLENN PATENT GROUP 3475 Edison Way, Suite L Menlo Park, CA 94025			OSMAN, RAMY M	
			ART UNIT	PAPER NUMBER
			2157	

DATE MAILED: 04/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/815,496	BRADSHAW, ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Ramy M. Osman	2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 23 January 2006.  
 2a) This action is FINAL.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-47 is/are pending in the application.  
 4a) Of the above claim(s) 1,7-12,15,26-32,35,47 is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 2-6,13,14,16-25,33,34 and 36-46 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____

## **DETAILED ACTION**

### ***Status of Claims***

1. This communication is responsive to the amendment filed on January 23, 2006 where applicant amended claims 2 and 21. Claims 2-6,13,14,16-25,33,34 and 36-46 are pending.

### ***Response to Arguments***

2. Applicant's arguments with respect to claims 2-6,13,14,16-25,33,34 and 36-46 have been considered but are moot in view of the new ground(s) of rejection. The rejections are as stated below.

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. **Claims 2-6,13,14,16-25,33,34 and 36-46 rejected under 35 U.S.C. 103(a) as being unpatentable over Dan et al (US Patent No 6,560,639) in view of Banick et al (“Web Management with Microsoft Visual SourceSafe 5.0”, Que Corporation, 1996).**
5. In reference to claims 2 and 21, Dan teaches for use in a system for developing and maintaining web content configured to create and maintain web content from within one or more work areas for use in a website, a system and method respectively for automatically deploying

Art Unit: 2157

data in a computer network upon the occurrence of an event (Abstract and column 1 lines 22-28) comprising:

a development server configured to develop web content to be displayed on a website and to develop other related data (column 2 lines 45-60, column 3 lines 45-51, column 8 lines 20-40 and column 11 lines 60-67); and

a deploy daemon configured to receive a signal from the development server, the signal indicating the occurrence of a trigger event that may cause data to be deployed, and configured to automatically deploy data to a destination upon occurrence of a such a trigger event in a manner transparent to a user of said one or more work areas (column 3 lines 12-51, column 4 lines 30-43, column 8 line 61 – column 9 line 17 and column 12 lines 10-50, Dan disclose a daemon deploying data to a database (i.e. a destination) upon user changes to a website(i.e. trigger event) where the user is not aware of a web management system (i.e. transparent to a user));

Dan fails to explicitly teach wherein each work area comprises virtual copy of an entire website. However, Banick teaches Visual SourceSafe which provides tools to create and make alterations to websites and track changes across users, projects, and time. Banick discloses checking-out a file that is a copy of website for the purpose of modifying it (pages 52-55). Therefore, it would have been obvious for one of ordinary skill in the art to modify Dan by making each work area comprise virtual copy of an entire website for the purpose of checking it out and modifying it.

Furthermore, although Dan teaches maintaining all the different components, attributes and changes of a website in a database (column 11 lines 15-25 and column 12 lines 25-30), Dan fails to explicitly teach:

a delta table associated with a work area that represents changes made in said work area to website content, extended attributes of said website, and information related to said website;

a base table that records and accumulates all changes to a website, including changes to website content, extended attributes of said website, and information related to said website; and

a tracking table configured to manage the existence and relationship of the delta table and the base in the system.

However, Banick teaches a delta table associated with a work area that represents changes made in a work area to website content, extended attributes of said website, and information related to said website (pages 10-15 & 52-55, Banick discloses a working directory that represents changes made to website content, which is in a web management system to collaboratively develop a website); a base table that records and accumulates all changes to a website, including changes to website content, extended attributes of said website, and information related to said website (pages 10-15, 52-55 & 88, Banick discloses a data base that stores all changes to a website); and a tracking table configured to manage the existence and relationship of the delta table and the base in the system (pages 56-69, Banick discloses internal database management via file listings (i.e. tracking table) used to manage the working directories (i.e. delta tables) and database (i.e. base table)).

It would have been obvious for one of ordinary skill in the art to modify Dan by incorporating a delta table associated with a work area that represents changes made in said work

area to website content, extended attributes of said website, and information related to said website; a base table that records and accumulates all changes to a website, including changes to website content, extended attributes of said website, and information related to said website; and a tracking table configured to manage the existence and relationship of the delta table and the base in the system, as per the teachings of Banick for the purpose of effectively collaboratively developing a website in a web management system.

6. In reference to claims 3 and 22, Dan teaches a system and method respectively according to Claims 2 and 21, wherein the deploy daemon includes software code configured to perform operations in response to the trigger event (column 3 lines 12-51, column 10 lines 34-42 and column 12 lines 10-50).

7. In reference to claims 4 and 23, Dan teaches a system and method respectively according to Claims 2 and 21, wherein the deploy daemon includes software code configured to deploy data in response to the trigger event according to predetermined parameters (column 3 lines 12-51, column 10 lines 34-42 and column 12 lines 10-50).

8. In reference to claims 5 and 24, Dan teaches a system and method respectively according to Claims 2 and 21, wherein the deploy daemon includes software code configured to deploy data in response to the trigger event (column 3 lines 12-51, column 10 lines 34-42 and column 12 lines 10-50).

9. In reference to claims 6 and 25, Dan teaches a system and method respectively according to Claims 2 and 21, wherein the deploy daemon includes software code configured to deploy data in response to the trigger event according to parameters, and to perform operations on data

Art Unit: 2157

to be deployed before deploying data (column 2 lines 55-67, column 11 lines 25-50 and column 12 lines 10-35).

10. In reference to claims 13,14,16,33 and 34, Dan teaches a system and method respectively according to Claims 2 and 21, wherein the system is configured to update the base table upon a trigger event (column 3 lines 45-51, column 5 lines 20-34, column 11 lines 15-25, column 12 lines 25-36, column 17 lines 40-46 and column 23 lines 1-25).

11. In reference to claims 17 and 36, Dan teaches a system and method respectively according to Claims 2 and 21, wherein the storage of data from a work area is a trigger event, wherein the deploy daemon includes software code configured to confirm whether such storage has occurred and to perform operations in response such storage (column 3 lines 6-40 & 45-51 and column 4 lines 5-15 & 34-43).

12. In reference to claims 18-20 and 37-39, Dan teaches a system and method respectively according to Claims 17 and 36, wherein the storage of data includes the storage of web content, meta data and extended attributes (column 3 lines 30-60, column 11 lines 15-25 and column 12 lines 25-36).

13. In reference to claims 40-42, Dan teaches a method according to Claim 21, wherein performing a predetermined action further comprises:

modifying the extended attributes of the web content; transmitting the retrieved data to a storage location; and storing the retrieved web content in the storage location (column 11 lines 25-37 & 63-67 and column 12 lines 12-45).

14. In reference to claims 43-46, Dan teaches the method according to Claim 21, wherein performing a predetermined action further comprises: deploying the retrieved data to a

Art Unit: 2157

predetermined location (column 8 lines 35-40, column 10 lines 25-30 & 63-67 and column 12 lines 15-45).

15. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ramy M. Osman whose telephone number is (571) 272-4008. The examiner can normally be reached on M-F 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2157

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RMO  
March 31, 2006



ABDULLAHI SALAD  
PRIMARY EXAMINER